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DIALOG(R)File 352:Derwent WPI  
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011298817 \*\*Image available\*\*

WPI Acc No: 1997-276722/199725

XRAM Acc No: C97-089160

New triterpenoid saponin(s) useful as medicaments with axon elongation  
activity - in treatment of senile dementia or post-apoplectic sequelae  
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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9100295	A	19970415	JP 96151245	A	19960612	199725 B

Priority Applications (No. Type Date): JP 95146542 A 19950613

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9100295	A	13		

Abstract (Basic): JP 9100295 A

Triterpenoid saponins of formula (I) are new. R = sugar chain of  
oleanolic acid glycosides. Also claimed is the sugar chain of oleanolic  
acid glycosides consisting of Ara, Rha and Xyl.

In an example, the whole plant of *Triplostegia grandiflora* Gagnep.  
was dried and extracted with 95% EtOH. The extract was concentrated to  
give a dark brown solid, subjected to centrifugal liquid/liquid  
partition chromatography in 4/3/1/2 CHCl<sub>3</sub>/MeOH/i-PrOH/H<sub>2</sub>O. A 201 mg  
fraction exhibiting activity was chromatographed on Lobar RP-18 (size  
A) in 3/7 to 8/2 MeOH/H<sub>2</sub>O, 3/2 i-PrOH/H<sub>2</sub>O, and 6/4 to 7/3 MeOH/H<sub>2</sub>O to  
give 104 mg of an active fraction which was further chromatographed to  
give 3.4 mg triplostegia A.

USE - (I) are useful as drugs with axon elongation activity in the  
treatment of Alzheimer-type senile dementia or postapoplectic sequelae.

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Title Terms: NEW; TRI; TERPENIC; SAPONIN; USEFUL; MEDICAMENT; AXON;  
ELONGATE; ACTIVE; TREAT; SENILE; DEMENTIA; POST; SEQUELAE

Derwent Class: B01; B03

International Patent Class (Main): C07J-063/00

International Patent Class (Additional): A61K-031/70; A61K-035/78

File Segment: CPI